MATH 302 Introduction to Analysis Spring 2022

Instructor: Frank Jones HBH 448 fjones@rice.edu

Appointments: send me an email message to ask questions or schedule a Zoom session.

Course objectives: To study the concepts of MATH 101-102, complete with proofs. All based on a detailed understanding of the real number field.

Required text: Kenneth A. Ross, *Elementary Analysis, Second Edition,* Springer 2013. (I think you can find a free PDF version.)

Due dates:
Homework and exams will be submitted on Canvas and due at the following dates. I will announce the specifics during the semester:

Monday January 24
Monday January 31
Monday February 7
Monday February 14
Monday February 21
Monday February 28
Monday March 7
Monday March 28
Monday April 4
Monday April 11
Monday April 18

For homework, you may work together, no Rice Honor Code pledge required.

For exams, your work must be your own, pledge required.

No final exam.

Grading: four grades will be used: cumulative HW grade + 3Exam grades. These will be weighted equally, but with special attention placed on the later Exam grades.

Lectures: online for at least the first two weeks. Lectures will be recorded and available on Canvas.